

Application No. 10/022,997  
Docket No. 2001U014.US  
Reply to Office Action Dated May 25, 2004

### Remarks

#### **New Claims**

Claims 29 and 30 are added, support for which can be found in the specification as filed at, for example, paragraph [0034], page 19.

#### **Section 112, ¶ 2 Rejections**

Claims 1-28 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite due to no description of X and Y. The phrase –X and Y are Group 14 or 15 atoms;– is added to Claims 1 and 15 to describe these variables. The Applicant believes that there is support for such a limitation in the specification at, for example, the working examples and described embodiments, paragraph [0034], page 19 of the specification, and general knowledge in the art such as disclosed at page 5, paragraph [0007]. No new matter is believed to be added.

Claims 1-28 were further rejected due to the description of “G” and “A” variables. The Applicant has re-arranged this description in Claims 1 and 15, and added the phrase –at least a divalent– before “bridging group” to better describe the nature of “G”. It should now be understood what the nature of these groups are individually, and relative to one another, as is further delineated at, for example, paragraph [0026], page 9, of the specification, such that:

[I]t will be understood that the spacing group G is bonded to either both Y or both X or one X and one Y for any given catalyst precursor. It will also be understood that G can be bonded to various combinations of X, Y, and T moieties. ¶ [0026], p. 9.

Claim 16 was also rejected, and has been amended by incorporating the structures derived from the specification, as their absence in the claim as filed is believed to be a typographical error.

Claim 19 was also rejected, and has been amended to delete the phrase “(both heteroalkyl and heteroaryl),” as the term “heteroaryl” is included in the term

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"heterocyclic" already in the group, thus duplicative; the phrase "and heteroalkyl" is added as a separate item in the claimed group.

Claims 10, 11, 24 and 25 were rejected as including a phrase that is not clear. The phrase "polymeric, and inorganic ring structures" is thus removed as duplicative of the terms "cycloalkyl" and "heterocyclic" already in Claims 10 and 24, the latter two terms not limited by the number of atoms.

The Applicant thus requests that these rejections be withdrawn.


#### Other Claim Amendments

Claim 15 is amended by including the following: -b) and an activator-. No new matter is added.

It is submitted that the case is in condition for allowance. The Applicant invites the Examiner to telephone the undersigned attorney if there are any other issues outstanding which have not been presented to the Examiner's satisfaction.

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Respectfully submitted,

  
Kevin M. Faulkner  
Attorney for Applicants  
Registration No. 45,427

**Univation Technologies, LLC**  
5555 San Felipe, Suite 1950  
Houston, Texas 77056-2723  
Phone: 713-892-3729  
Fax: 713-892-3687